| In | dex of | Claims | |
|----|--------|--------|--|
| | | | |

| Application No. | Ap |
|-----------------|----|
| | |

Applicant(s)

09/820,459

Examiner

ARNDT ET AL.

Gabriel L. Chu

2114

| √ | Rejected |
|----------|----------|
| = | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| + | Restricted |

| Z | Non-Elected |
|---|--------------|
| | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| | n D-1- | | | | Claim | | | | | | | | | <u> </u> | | D-4- | | | | | | | | | | |
|-------|---------------|---|----------|--------------------------|------------------------|------------|-------|----------|-----------------|---------------|--------------|---------------------|--|-----------------|------------|--------------|-----|----------|-------------|--------------|--|----------|-----------------|--|-------------------------|---|
| Claim | Date | | | | | Claim Date | | | | | | | | | Claim Date | | | | | | | | — | | _ | |
| Final | 035 | | | | | | Final | Original | | | | | | | | Final | | Onginal | | | | *** | | | | |
| 1 | V | П | | | | | | 51 | | | | | | | | | | 01 | | | | | | \Box | | |
| 2 | V | | | | | | | 52 | | | | | | | | | | 02 | | $oxed{\Box}$ | | _ | | \Box | | |
| 3 | ٧, | | | | | | | 53 | | | | | | | | | | 03 | | | | | | | | |
| 4 | V | | | | | | | 54 | | | | | | | | | 1 | 04 | | | | | | \Box | | |
| -5 | | | | | | | | 55_ | | | | | | | | | 1 | 05 | | | | | | | | |
| 6 | V. | | | | | | | 56 | | | | | | | | | | 06 | | L | | | | | | |
| 7 | V | | | | | | | 57 | | | | | | | | | | 07 | | | | | | | | |
| -8_ | <u> </u> | | | <u> </u> | | | | 58 | | | | Ш | | | | | | 80 | | | L | | | \perp | | |
| 9 | V | | | | | | | 59 | | | ŀ | | L | | | | | 09 | | | | | | \perp | \perp | |
| 10 | | $\perp \perp$ | | Ш. | $\bot\bot$ | | | 60 | | \perp | | Ш | \perp | \perp | | | | 10 | \perp | \perp | Ш | | | \dashv | ightharpoonup | |
| 11 | 111 | $\downarrow \downarrow \downarrow$ | 4_ | $\bot \bot$ | $\bot \bot \bot$ | | | 61 | \sqcup | | | Ш | \perp | \perp | Щ | <u> </u> | | 11 | | _ | <u> </u> | Ш | Ц | ightharpoonup | \perp | |
| 12 | 44- | 4-4 | | 1-1- | | | | 62 | \sqcup | | ┵ | $\sqcup \downarrow$ | | 44 | Щ | <u> </u> | | 12 | _ | 1 | Щ | Щ | \Box | \dashv | \dashv | _ |
| 13 | + | + | 4 | $\perp \perp$ | \bot | | | 63 | Ш | \perp | _ | \sqcup | _ | \bot | Щ | <u> </u> | | 13 | _ | _ | L., | Ь | | | _ | |
| 14 | +++ | 4 | | | | | | 64 | | + | - | H | _ | + | _ | _ | | 14 | _ | + | | | | \dashv | _ | _ |
| 15 | | - | \bot | \vdash | _ | | | 65 | | | +- | $\vdash \downarrow$ | | + | — | <u> </u> | | 15 | | +- | ₩ | Щ | \sqcup | \dashv | \dashv | _ |
| 16 | 11/ | + | | + | + | | | 66 | \vdash | + | | \sqcup | | | Щ::: | _ | | 16 | | — | Ь— | _ | - | - | | |
| 17 | 1 | 4 | | - | | | | 67 | $\vdash \vdash$ | \perp | + | \square | + | + | | <u> </u> | | 17 | \perp | + | \vdash | | | \dashv | \dashv | _ |
| 48 | | | | ++ | | | | 68 | | | | $\vdash \vdash$ | + | + | | _ | 11 | 18 | | - | <u> </u> | | | 4 | \dashv | _ |
| 19 | V/ | + | | + | | | | 69 | \vdash | | ┼ | H | | | | | | 19 | - | | ├ | _ | _ | \dashv | \dashv | |
| 20 | 1 | + | + | \vdash | + | | | 70 | $\vdash \vdash$ | + | + | \vdash | | | | _ | | 20 | | +- | ⊢ | | _ | - | -+ | |
| 21 | 1.1 | + | _ | ++ | ++ | | | 71 72 | \vdash | + | + | $\vdash \vdash$ | + | + | | ⊢ | | 21 22 | + | + | \vdash | Н | | \dashv | \dashv | _ |
| 22 | 14 | + + | - | \vdash | ++- | | | 73 | \vdash | + | + | H | + | + | | _ | | 23 | + | + | \vdash | | | \dashv | \dashv | |
| 24 | + | ╅ | | \vdash | ++- | | | 74 | \vdash | | | H | \dashv | + | | - | | 24 | | + | ┢ | \vdash | - | \dashv | \dashv | |
| 25 | +H- | + | - | ++ | ++ | | | 75 | \vdash | + | + | \vdash | + | + | | - | | 25 | | + | \vdash | \vdash | | \dashv | \dashv | |
| 26 | + | + + | - | ╁┷┼╌ | + | 1 | | 76 | | | | Н | + | + | | ├─ | | 26 | | + | ┢┈ | - | | -+ | | _ |
| 27 | + | 1 1 | | - - | | 1 | | 77 | Н | | | | -+- | | | ├ | | 27 | | +- | ┢ | \vdash | | + | \dashv | |
| 28 | げ | \dagger | | + | ++- | | | 78 | | | ╅ | H | | \dashv | - | ┢─ | | 28 | + | + | \vdash | | | \dashv | - | |
| 29 | 1 | + | _ | + | - - - | | | 79 | | | \top | Н | _ | _ | - | | | 29 | \dashv | +- | \vdash | | | \dashv | \dashv | _ |
| 30 | V | + | \dashv | \vdash | +++ | | | 80 | \vdash | + | +- | \Box | \dashv | $\dashv \dashv$ | | ┢ | | 30 | \top | ╅ | | | _ | \dashv | 十 | _ |
| 31 | V | 17 | | 1 | ++ | | | 81 | \Box | | | П | 十 | \top | | \vdash | | 31 | | | | | | \dashv | \dashv | _ |
| -32 | | 11 | | | + | | | 82 | \Box | \rightarrow | | | _ | 1 | | _ | | 32 | | 1 | T | | | 寸 | \top | _ |
| 33 | V | | | | 11 | | | 83 | | | 1 | П | \neg | \top | | | | 33 | | | | _ | | \neg | \neg | |
| 34 | V | T | | | | | | 84 | | | 1 | | _ | | | | 1 | 34 | | 1 | | | | \exists | \neg | _ |
| 35 | V | П | | П | | | | 85 | П | | | | \neg | | | | 1 | 35 | | | | | | | | Т |
| 36 | | | | | | | | 86 | | | | | | | | | | 36 | | | | | | | \Box | |
| 37 | | | | | | | | 87 | | | | | \Box | | | | | 37 | | | | | | | \Box | |
| 38 | | | | | | | | 88 | | | | | \Box | | | | | 38 | | | | | | | \Box | _ |
| 39 | | | | | | | | 89 | | | | | | | | | 1 | 39 | $\Box \Box$ | | | | | \Box | $oldsymbol{\mathbb{I}}$ | |
| 40 | | $oxedsymbol{\Box}$ | | | | | | 90 | | | | | \Box | | | | | 40 | | | | | | $oldsymbol{ol}}}}}}}}}}}}}}$ | $oldsymbol{\bot}$ | _ |
| 41 | | $\perp \mathbb{I}$ | | | | | | 91 | Ш | | | \Box | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | | | | 1 | 41 | | | | | | \Box | $oldsymbol{\perp}$ | |
| 42 | | $\perp \downarrow$ | | | $\perp \perp \perp$ | | | 92 | \sqcup | | | Ш | \perp | ot | Щ | _ | | 42 | | 1 | L | \Box | | _[| \perp | |
| 43 | \sqcup | $\bot \bot$ | | $\perp \perp$ | $\bot \bot$ | | | 93 | \sqcup | | 4_ | | | 44 | | | 1 | 43 | | 1 | igspace | Ш | | | 4 | |
| 44 | | 1_1 | | $\perp \perp$ | - - | | | 94 | \sqcup | | <u> </u> | - | | $\perp \perp$ | <u>Щ</u> | | | 44 | | <u> </u> | | Ш | | | | |
| 45 | $\perp \perp$ | $\perp \perp$ | \perp | $\perp \perp$ | $\bot \bot$ | | | 95 | Ш | | 4 | \sqcup | \bot | \perp | <u> </u> | <u> </u> | 11 | 45 | \bot | 1_ | <u> </u> | Щ | | | | _ |
| 46 | ++ | $\perp \perp$ | | \sqcup | ++ | | | 96 | \sqcup | \dashv | 4_ | \sqcup | _ | 44 | <u> Н</u> | <u> </u> | | 46 | | 1 | \vdash | L | | \dashv | \dashv | |
| 47 | ++ | + | + | \vdash | | | | 97 | \vdash | _ | - | \sqcup | \dashv | - | <u> </u> | | | 47 | _ | 4_ | \vdash | Щ | \sqcup | \dashv | \dashv | _ |
| 48 | +- | + | + | \vdash | ++- | | | 98 | \vdash | _ | | - | + | + | <u> </u> | | 1 | 48 | | \perp | H | <u> </u> | \sqcup | \dashv | \dashv | |
| 49 | + | + | | + | ++- | | | 99 | \vdash | _ | | | _ | \dashv | — | | 11 | 49 | | +- | | \vdash | $\vdash \dashv$ | | \dashv | _ |
| 50 | | لــــــــــــــــــــــــــــــــــــــ | | $\perp \perp \downarrow$ | | | | 100 | $L \bot$ | | Ш. | Ш | | | | <u> </u> | 1_1 | 50 | | ┸_ | <u></u> | | <u> </u> | | | _ |